Number	L Number	Uita	Connet March		
Cell with disruption with gene Server Condition Cell with disruption with gene Cell with			search Text		Time stamp
1 (cell with disruption with gene) and (screen with modulator) (cell with disruption with gene) and modulator) (cell with disruption with gene) and modulator) ((cell with disruption with gene) and modulator) and knockout ((cell with disruption with gene) and modulator) and knockout ((cell with disruption with gene) and (modulator) and knockout ((cell with disruption with gene) and (modulator) and knockout ((cell with disruption with gene) and (modulator) with disruption with gene) and (antisense) ((cell with disruption with gene) and knockout and antisense ((cell with disruption	1	/ / / /	cell with disruption with gene		2003/03/19 08:36
Ceell with disruption with gene and USPAT, US-PGPUB, DERWENT USPAT, U		İ		US-PGPUB;	
Screen with modulator Screen with gene and modulator Modulator Modulator with identify Screen with (screen or identify) Screen with screen or identify Screen with (screen or identify) Screen with screen with (screen or identify) Screen with screen with screen or identify Sc	12	1	(0011 with 1)	DERWENT	
113 (cell with disruption with gene) and modulator (cell with disruption with gene) and modulator (cell with disruption with gene) and modulator) and knockout (cell with disruption with gene) and modulator) and knockout (cell with disruption with gene) and modulator) and knockout (cell with disruption with gene) and modulator with identify) (cell with disruption with gene) and (antisense) (cell with disruption with gene) and knockout and antisense (cell with disruption with gene) and knockout and ant	1-	1 -	(cell with disruption with gene) and	USPAT;	2003/03/19 08:38
113 (cell with disruption with gene) and modulator (cell with disruption with gene) and modulator (cell with disruption with gene) and modulator and knockout (cell with disruption with gene) and (modulator with identify) (cell with disruption with gene) and (agent with (screen or identify)) (cell with disruption with gene) and (antisense) and modulator (cell with disruption with gene) and (antisense) and modulator (cell with disruption with gene) and (antisense) (cell with disruption with gene) and knockout and antisense (cell with disruption with gene) and (antisense) and human (cell with disruption with gene) and (antisense) and human (cell with disruption with gene) and (antisense) and human (cell with disruption with gene) and (antisense) and human (cell with disruption with gene) and (antisense) and human (cell with disruption with gene) and ((screen with modulator)	US-PGPUB;	
A	2	110		DERWENT	
1	3	113	(cell with disruption with gene) and	USPAT;	2003/03/19 08:58
4 0 ((cell with disruption with gene) and modulator) and knoickout US-PGPUB; DERWENT US-PGPUB			modulator		
Cocal with disruption with gene and modulator modulator and knockout USPAT; DERWENT USPAT; USPA					
Second S	4	0	((cell with disruption with gene) and	1	2003/03/10 00.30
S			modulator) and knoickout	1	2003/03/19 08:38
1	_	f		1	
Ceell with disruption with gene and (cell with disruption with gene and (agent with (screen or identify))	5	43	((cell with disruption with gene) and		2002/02/10 00 20
Cell with disruption with gene and (modulator with identify) Cell with disruption with gene and (agent with (screen or identify)) Cell with disruption with gene and (antisense) Cell with disruption with gene and knckout and antisense Cell with disruption with gene and knckout and antisense Cell with disruption with gene and knockout and antisense Cell with disruption with gene and knockout and antisense Cell with disruption with gene and cantisense Cell with gene Cell		ļ	modulator) and knockout		2003/03/19 08:38
Ceell with disruption with gene and (modulator with identify) US-PGPUB; DERWENT (Cell with disruption with gene and (agent with (screen or identify)) US-PGPUB; DERWENT (US-PGPUB; DERWENT (Cell with disruption with gene and (antisense)) US-PGPUB; DERWENT (US-PGPUB;					
To	6	2	(cell with disruption with game) and		0000/00/00
78			(modulator with identify)		2003/03/19 08:59
1			Table 1 achiefly)		1
Section Sect	7	78	(cell with disruption with gone) and		
Seminary			(agent with (screen or identify))	1	2003/03/19 09:02
Second S			(agone with (screen of identity))		
Section Sect	8	448	(cell with digraption with any	_	
9		1.10	(antisonso)		2003/03/19 10:15
10 0 (cell with disruption with gene) and (antisense) and modulator USPAT; US-PGPUB; DERWENT USPAT; DE			(ancisense)	US-PGPUB;	
10 0 (cell with disruption with gene) and knockout and antisense (cell with disruption with gene) and knockout and antisense (cell with disruption with gene) and knockout and antisense (cell with disruption with gene) and knockout and antisense (cell with disruption with gene) and knockout and antisense (cell with disruption with gene) and knockout and antisense (cell with disruption with gene) and (antisense) and human (cell with disruption with gene) and (antisense) and human (cell with disruption with gene) and (antisense) and human (cell with disruption with gene) and knockout and antisense (cell with disruption	9	50	//0011	DERWENT	
10]	70	((Cell with disruption with gene) and		2003/03/19 09:44
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11 3199809 O O O O O O O O O	10	0	(cell with disruption with gene) and	USPAT;	2003/03/19 09:44
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12 213 (cell with disruption with gene) and knockout and antisense (cell with disruption with gene) and knockout and antisense (cell with disruption with gene) and knockout and antisense (cell with disruption with gene) and (antisense) and human (cell with disruption with gene) and (antisense) and human (cell with disruption with gene) and (antisense) and human (cell with disruption with gene) and knockout and antisense (cell with disruptio	111	2100000			ļ
12 213 (cell with disruption with gene) and knockout and antisense 3		3199809	0	USPAT:	2003/03/19 09:44
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13 40 ((cell with disruption with gene) and knockout and antisense ((cell with disruption with gene) and knockout and antisense) and modulator USPAT; US-PGPUB; DERWENT USPAT; DERW	1,,				
13 40 ((cell with disruption with gene) and knockout and antisense) us-pgpub; DERWENT US-pgpub;	12	213	(cell with disruption with gene) and		2003/03/19 09:45
13			knockout and antisense	,	2003/03/19 09:43
10					
14 429 ((cell with disruption with gene) and (antisense)) and human US-PGPUB; DERWENT US-PGPUB;	13	40	((cell with disruption with gene) and		2003/03/10 00:45
14 429 ((cell with disruption with gene) and (antisense)) and human 15 235 ((cell with disruption with gene) and (antisense)) and human 16 75 ((cell with disruption with gene) and (antisense)) and human 17 (cell with disruption with gene) and knockout and antisense) 18 15 ((cell with disruption with gene) and knockout and antisense) and human antisense with (in adj vitro) with cell same human 19 2 5,585,479.pn. 2003/03/19 10:15 DERWENT USPAT; DERWENT USPA		ļ	knockout and antisense) and modulator	1	2003/03/19 09:45
14 429 ((cell with disruption with gene) and (antisense) and human USPAT; US-PGPUB; DERWENT USPAT; DER					
(antisense)) and human US-PGPUB; DERWENT USPAT; DE	14	429	((cell with disruption with gene) and		2002/02/10 10 1-
15		1	(antisense)) and human		2003/03/19 10:15
15 235 ((cell with disruption with gene) and (antisense) and human ((cell with disruption with gene) and knockout and antisense) ((cell with disruption with gene) and knockout and antisense) ((cell with disruption with gene) and knockout and antisense) and human DERWENT (cell with disruption with gene) and knockout and antisense) and human DERWENT (cell with disruption with gene) and who with gene) and USPAT; (cell with disruption with gene) and (cell with disruption with g			•		
16	15	235	((cell with disruption with game) and		2002/02/12 == =
16 75 ((cell with disruption with gene) and knockout and antisense) 17 74 (cell with disruption with gene) and knockout and antisense) and human 18 15 antisense with (in adj vitro) with cell same human 19 2 5,585,479.pn. 20 1 PDE11A 2003/03/19 10:17 DERWENT USPAT; 2003/03/19 12:11 DERWENT USPAT; 2003/03/19 15:03 DERWENT USPAT; 2003/03/19 15:04		Í	(antisense)) and human	1	2003/03/19 10:15
17 74 (cell with disruption with gene) and	16	75	((cell with disruption with gone) and		0000 400 40
17	1	-	knockout and antisense		2003/03/19 10:17
18	17	74	((cell with disruption with some)		
15 antisense with (in adj vitro) with cell 19 2 5,585,479.pn. 20 1 PDE11A USPAT; DERWENT USPAT; DERWENT USPAT; DERWENT USPAT; DERWENT USPAT; 2003/03/19 15:04	1		knockout and antisense' and but	· ·	2003/03/19 10:18
19 2 5,585,479.pn. 2003/03/19 12:11 DERWENT USPAT;	18	15	antisense with (in add to the total		
19 2 5,585,479.pn. USPAT; 2003/03/19 15:03 DERWENT USPAT; 2003/03/19 15:04		+5	same himan (III au] Vitro) With Cell		2003/03/19 12:11
20 1 PDE11A USPAT; 2003/03/19 15:03 DERWENT USPAT; 2003/03/19 15:04	19	2			
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USPAT; 2003/03/19 15:04	20	,	DDE117	DERWENT	
DERWENT	20	1	PUETIA	USPAT;	2003/03/19 15:04
				DERWENT	

FILE 'MEDLINE, BIOSIS, EMBASE, CAPLUS, LIFESCI' ENTERED AT 10:25:39 ON 19 MAR 2003 L11 S ANTISENSE SAME CELLS L2 1 S ANTISENSE SAME CELLS 10317006 S CELL OR CELLS L3 2253833 S L3 (S) HUMAN L435542 S ANTISENSE (S) CELLS L5L6 12310 S L5 (S) HUMAN L7 87 S L6 AND DISRUPT L8 27 DUP REM L7 (60 DUPLICATES REMOVED) FILE 'STNGUIDE' ENTERED AT 10:33:02 ON 19 MAR 2003 FILE 'MEDLINE, BIOSIS, EMBASE, CAPLUS, LIFESCI' ENTERED AT 10:35:05 ON 19 MAR 2003 1.9 5294 S ANTISENSE (S) RAT (S) CELL L10 13 S L9 AND DISRUPT 4 DUP REM L10 (9 DUPLICATES REMOVED) L11 FILE 'STNGUIDE' ENTERED AT 10:43:55 ON 19 MAR 2003 L12 0 S KNOCKOUT (S) RAT (S) CELL FILE 'MEDLINE, BIOSIS, EMBASE, LIFESCI, CAPLUS' ENTERED AT 10:45:38 ON 19 MAR 2003 L13 817 S KNOCKOUT (S) RAT (S) CELL L14 11 S L13 (S) DISRUPT L15 5 DUP REM L14 (6 DUPLICATES REMOVED) 160 S L9 AND (GENE (4A) TARGET?) L16 2400 S RAT (S) CELL (S) (GENE (4A) TARGET?) L17L18 99 S L17 (S) DISRUPT? L19 38 S L18 (S) FUNCTION L20 14 DUP REM L19 (24 DUPLICATES REMOVED) FILE 'STNGUIDE' ENTERED AT 10:53:12 ON 19 MAR 2003 FILE 'MEDLINE, BIOSIS, LIFESCI' ENTERED AT 10:54:00 ON 19 MAR 2003 FILE 'STNGUIDE' ENTERED AT 10:54:00 ON 19 MAR 2003 L21 0 S GEB FILE 'MEDLINE, BIOSIS, EMBASE, LIFESCI, CAPLUS' ENTERED AT 10:55:40 ON 19 L22 1532 S GENE (S) DISRUPT? (S) RAT (S) CELL L23 408 S L22 (S) FUNCTION L24 149 DUP REM L23 (259 DUPLICATES REMOVED)